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4

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Box Patent Application
Washington, D.C. 20231

SYSTEM AND METHOD FOR IMPROVING THE MOVEMENT AND DISCHARGE OF MATERIAL FROM VESSELS

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Jc474 U.S. PTO
10/042718
87/16/02

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

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Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 33 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications (*if applicable*)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (*if filed*)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
2065.005A

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Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal Number of Sheets 3
- b. ☐ Informal Number of Sheets _____
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☒ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Computer Readable Form (CFR)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EV 027280635 US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission
4

☒ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted: 1

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An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	63	- 20 =	43	x \$9.00	\$387.00
Indep. Claims	4	- 3 =	1	x \$42.00	\$42.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$370.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$799.00

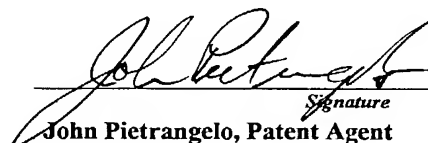
- ☒ A check in the amount of \$799.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 08-1935 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: July 15, 2002

12/23/2002 AKELLEY 00000016 081935 10042718

01 FC:2001 370.00 CH
02 FC:2202 387.00 CH
03 FC:2201 42.00 CH

CC:


John Pietrangelo, Patent Agent
Reg. No. 39,331
Customer No.:



23405
PATENT TRADEMARK OFFICE

Docket No. 2065.005A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Prough et al.

Serial No.: To be Assigned

Group Art Unit: To be Assigned

Filed: Herewith

Examiner: To be Assigned

Title: **SYSTEM AND METHOD FOR IMPROVING THE MOVEMENT AND
DISCHARGE OF MATERIAL FROM VESSELS**


To: Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

ASSERTION OF SMALL ENTITY STATUS UNDER 37 C.F.R. § 1.27(c)(2)

Dear Sir:

The applicants in the above-identified application are entitled to small entity status.

Respectfully submitted,


John Pietrangelo
Patent Agent
Registration No. 39,331

Dated: July 15, 2002

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